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## UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	ZEIS-500
First Inventor	Matthew J. Everett et al.
Title	ŞIMPLE HIGH EFFICIENCY
	OPTICAL COHERENCE DOMAIN
	REFLECTOMETER DESIGN
Express Mail Label No	EV338308253US

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Application Elements  New M*EP chapter 600 concerning utility putent application contents.  ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, Va 22313-1450  1. See Transmittal Form (e.g., PTO/SB17) Submit an original and an highocal for for processing! 2. Applicant claims small entity status. See 37 CFR 1.27  3. Specification - Construction of the invention - Cross Reference to Related Applications - Consequence use forth below) - Descriptive title of the invention - Brief Description of the Drawings (if fleet) - Detailed Description - Brief Description of the Drawings (if fleet) - Detailed Description - Claim(s) - Abstract of the Disclosure - ACCOMPANYING APPLICATION PARTS  ACCOMPANYING APPLICATION PARTS  ACCOMPANYING APPLICATION PARTS  ACCOMPANYING APPLICATION Check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: - Prof. application information: Examiner: - For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the propriation has been inadvertently omited from the submitted application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omited from the submitted application parts.  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement   Power of Attorney (when there is an assignee) 11. English Translation Documents (if applicable) 12. Information Disclosure   Copies of IDS - Statements verifying identity of above copies  ACCOMPANYING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: - Continuation   Divisional   Continuation-in-part (CIP) of priority Document(s)  If previous provided in the first sentence of the prior application in formation: Examiner: - For Continuation   Divisional			/S Patent Application, Commissioner for Patents, P.O. Box 1450,					
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See Transmittal Form (e.g., PTO/SB17)   Submitton unsignated and duplicate for percessing)   Applicant claims small entity status. See 37 CFR 1.27   See Sectification   Total Pages 511   Copy from prior application (37 CFR 1.63(d))   Copy from prior application, see 37 CFR 1.63(d)   Copy from prior application, see 37 CFR 1.63(d)   Copy from prior application, see 37 CFR 1.63(d)   Copy from prior prio	See A	APEP chapter 600 concerning utility patent application contents.						
2. Applicant claims small entity status.  See 37 CFR 1.27  3. Specification [Total Pages 51] [for continuation/divisional with Box 18 completed) [for continuation (37 CFR 1.63(d)) [for continuation (37 CFR 1.63(d)] [for continuation (47 CFR 1.63(d)] [for contin	1. 🛛 F	Fee Transmittal Form (e.g., PTO/SB17)						
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- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description - Brief Description - Claim(s) - Detailed Description - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Detailed Description - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Detailed Description - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Detailed Description - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Detailed Description - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Detailed Description - Computer Program (Appendix) - Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) - Description (PFR) - Description Acid Sequence Submission - Description Acid Se		(preferred arrangement set forth below)						
Reference to sequence listing, a table, or a computer program listing appendix  Background of the Invention Brief Description of the Drawings (Iffled) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]  **COMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement   Power of Attorney (when there is an assignee) 11. English Translation Documents (If applicable) 12. Information Disclosure   Copies of IDS Statement (IpS)/PTO-1449   Citations 13. Preliminary Amendment  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification information: Examiner: Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application in formation is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or insorted and in the first sentence. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.    Application No. (Attorney/Agent) 29,444								
program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) (when there is an assignee) (when there is an assignee) (when there is an assignee)  11. English Translation Documents (if applicable) 12. Information Disclosure   Copies of IDS   Statement (IDS)/PTO-1449   Citations 13. Preliminary Amendment  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Prior application information: Examiner: Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the application parts.  19. CORRESPONDENCE ADDRESS    Customer Number 28584   Or   Correspondence address below								
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]  - Assignment Papers (cover sheet & document(s)) 10.		program listing appendix						
- Detailed Description - Claimfs) - Abstract of the Disclosure  4. ☑ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]  - Abstract of the Disclosure - Accompany Individual Specification Sequence Listing on: - I. ☐ CD-ROM or CD-R (2 copies); or - II ☐ Paper - II ☐ Paper - III ☐ CD-ROM or CD-R (2 copies); or - III ☐ Paper - III ☐ Paper - III ☐ Paper - III ☐ Paper Statements verifying identity of above copies  - Accompany Individual Specifically itemized (MPEP 503) - (Should be specifically itemized) - (Should be specifically itemized) - (III ☐ English Translation Documents (if applicable) - (III ☐ English Translation Documents (if applicable) - (III ☐ English Translation Documents (if applicable) - (III ☐ English Translation Documents (IIII) - (III) - (II								
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Name (Print/Type) Michael A. Stallman Registration No. (Attorney/Agent) 29,444  Signature: Date: March 6, 2004								
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	Signatu	re: Mich C	Date: March 4 2004					
L Firm Name: Stallman & Pollock LLP		ame: Stallman & Pollock LLP	Date. Ivialeli 20, 2004					

### **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. ZEIS-500

Total Pages in this Submission

### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** 

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:  SIMPLE HIGH EFFICIENCY OPTICAL COHERENCE DOMAIN REFLECTOMETER DESIGN  and invented by:  Matthew J. Everett and Yan Zhou  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation					J. Box 1450 ia, VA ⁻22313-1450
SIMPLE HIGH EFFICIENCY OPTICAL COHERENCE DOMAIN REFLECTOMETER DESIGN  and invented by:  Matthew J. Everett and Yan Zhou  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. Siling fee as calculated and transmitted as described below  2. Specification having 51 pages and including the following:  a Descriptive Title of the Invention  b. Cross References to Related Applications (if applicable)	Transmitte	ed he	rewith for filing under 35	5 U.S.C. 111(a) a	and 37 C.F.R. 1.53(b) is a new utility patent application for an
Matthew J. Everett and Yan Zhou  If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Enclosed are:  Application Elements  1. Silling fee as calculated and transmitted as described below  2. Specification having 51 pages and including the following:  a. Descriptive Title of the Invention  b. Cross References to Related Applications (if applicable)				CAL COHEREN	CE DOMAIN REFLECTOMETER DESIGN
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postage paid in an envelope, addressed to: Commissioner h. ⊠ Detailed Description for Patents, P.O. Box 1450, Alexandria, VA 22313-1450					postage paid in an envelope, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
i. \( \text{Claim(s)}\) as Classified Below \( \text{Dated: 03/29 / 04 By: } \)			·	l Below	STALLMAN & POLLOCK W. P.
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## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. ZEIS-500

Total Pages in this Submission

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7.		Application Data Sheet (See 37 CFR 1.76)								
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)								
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	Accompanying Application Parts									
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☐ First Class ☒ Express Mail (Specify Label No.): EV338308253US

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7.	]	Additional Enclosures (please identify below):
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		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing
		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
3. 🗖		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing
3.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice
). <u> </u>		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned,
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### **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **ZEIS-500** 

Total Pages in this Submission

#### Fee Calculation and Transmittal

		CLAIMS	AS FILED	,	
For	#Filed	#Allowed	#Extra	Rate	Fee
otal Claims	75	- 20 =	55	× \$18.00	\$990.00
ndep. Claims	6	3 =	3	× \$86.00	\$258.00
Multiple Dependent C	laims (check	( if applicable)			\$0.00
				BASIC FEE	\$770.00
OTHER FEE (specify	y purpose)				\$0.00
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⊠ Charge a  ☐ Charge th	ne issue fee se to 37 C.F.R. 1	filing fees required et in 37 C.F.R. 1.1	18 at the maili  N	F.R. 1.16 and 1.17.  Ing of the Notice of Allowance,  Signature  Signature  Tichael A. Stallman (Reg. No. 29,44)	4)
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cc:			•	elephone: (415) 512-1312 acsimile: (415) 512-1362	